Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)

2. (Original) A method for casting a vaned diffuser (101) of a type used in a turbocharger for receiving high velocity air from a compressor wheel and supplying compressed air to an internal combustion engine, said vaned diffuser consisting mainly of a non-ferrous metal or alloy having a melting point of less than about 700°C , and said diffuser comprising an upper surface (105) and a plurality of vanes (113) radially disposed on said upper surface, the method comprising: (a) providing a male metallic template (201) comprising at least the upper surface of said diffuser (105) and further comprising a central hub (205) having an axis (207) approximately perpendicular to said upper surface; (b) casting a female plaster mold corresponding to said male metallic template by contacting said template with a plaster slurry within a suitable frame and permitting said slurry to harden; (c) separating the female plaster mold from the male metallic template by pulling along said axis (303); (d) filling said female plaster mold with a molten non-ferrous metal or alloy having a melting point of less than about 700°C ; (e) cooling said mold to form a raw vaned diffuser casting (407); (f) separating the raw vaned diffuser casting from the female plaster mold by pulling along said axis (403); and (g) finish machining the raw vaned diffuser casting (407) to form the vaned diffuser (101).

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3. (Previously Presented) The method according to claim 2, in which said vaned diffuser consists mainly of aluminum or an aluminum alloy.